GOVERNMENT OF INDIA
SHIPPING
LOK SABHA

UNSTARRED QUESTION NO:812
ANSWERED ON:21.07.2016
National Waterways Projects
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Will the Minister of SHIPPING be pleased to state:

(a) the present status of progress made towards development of national waterways as per the National Waterways Bill, 2015;
(b) the list of waterways proposed to be developed as national waterways in the country along with the length thereof;
(c) the measures taken/being taken by the Government to overcome the socio-economic and environmental challenges likely to be faced during such development;
(d) the expenditure estimated to be incurred on these projects along with the manner in which these funds are likely to be financed; and
(e) the extent to which the logistics cost is likely to come down after completion of these projects?

Answer

MINISTER OF STATE IN THE MINISTRY OF SHIPPING
(SHRI PON. RADHAKRISHNAN)
(a): As per The National Waterways Act, 2016, 111 waterways have been declared as National Waterways (NWs) including the five existing NWs. Out of the 111 NWs, NW-1, 2, & 3 are already operational. Cargo as well as passenger / cruise vessels are plying on these waterways. DPR for development of NW-4 & 5 were completed in 2010. The DPR of NW 5 was updated in 2014. For the newly declared 106 NWs, techno-economic feasibility studies have been initiated.
(b): A statement indicating the approximate length of each of the 111 NWs is annexed herewith.
(c)&(d):Prior to undertaking any developmental activities on NWs, a Techno-Economic Feasibility Study is conducted which inter-alia, includes, Environmental Impact Assessment (EIA), Environmental Management Plan (EMP) and Environmental & Social Impact Assessment (ESIA). Based on these study reports, necessary mitigation measures are taken up as per extant rules and regulation. The extent, scope and expenditure on development of these NWs will be known after completion of these studies.
(e): As per RITES Report of 2014 on "Integrated National Waterways Transportation Grid (INWTG)" the cost comparison between Inland Water Transport (IWT) mode and other mode of surface transport like rail and road is as below:
Mode Freight (Rs/TKm) Taxes Total Rs / TKm
Railways 1.36 3.71% 1.41
Highways 2.50 3.09% 2.58
IWT 1.06 Nil 1.06

The significant cost saving shows that the promotion of inland water transport (IWT) would have positive impact on the overall logistics cost.
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Annexure
LIST OF 111 - NATIONAL WATERWAYS
Sl. No
National Waterways Approximate Length (Km.) State
1. National Waterway-1 1620 UP, Bihar, Jharkhand, West Bengal
2. National Waterway-2 891 Assam
3. National Waterway-3 365 Kerala
4. National Waterway-4 2890 Tamil Nadu, Andhra Pradesh, Telanagana
5. National Waterway-5 588 Odisha, West Bengal
6. National Waterway-6 71 Assam
7. National Waterway-7 96 West Bengal
8. National Waterway-8 28 Kerala
9. National Waterway-9 38 Kerala
10. National Waterway-10 45 Maharashtra
11. National Waterway-11 98 Maharashtra
12. National Waterway-12 5.5 UP
13. National Waterway-13 11 Tamil Nadu
14. National Waterway-14 49 Odisha
15. National Waterway-15 137 West Bengal
16. National Waterway-16 121 Assam
17. National Waterway-17 191 HP & Punjab

18. National Waterway-18 73 Assam
19. National Waterway-19 68 UP
20. National Waterway-20 94 Tamil Nadu
21. National Waterway-21 139 Telangana Karnataka
22. National Waterway-22 156 Odisha
23. National Waterway-23 56 Odisha
24. National Waterway-24 60 UP
25 National Waterway-25 33 Goa
26 National Waterway-26 53 J&K & Punjab
27 National Waterway-27 17 Goa
28 National Waterway-28 45 Maharashtra
29 National Waterway-29 135 West Bengal
30 National Waterway-30 114 Assam
31 National Waterway-31 110 Assam
32 National Waterway-32 63 Assam
33 National Waterway-33 61 Assam
34 National Waterway-34 130 West Bengal
35 National Waterway-35 113 West Bengal
36 National Waterway-36 121 West Bengal
37 National Waterway-37 300 Bihar & UP
38 National Waterway-38 62 Assam & West Bengal
39 National Waterway-39 49 Meghalaya
40 National Waterway-40 340 Bihar & UP
41 National Waterway-41 112 Karnataka
42 National Waterway-42 518 UP
43 National Waterway-43 10 Karnataka
44 National Waterway-44 64 West Bengal
45 National Waterway-45 650 Haryana, Punjab & Rajasthan
46 National Waterway-46 35 J&K
47 National Waterway-47 131 West Bengal
48 National Waterway-48 590 Rajasthan & Gujarat
49 National Waterway-49 110 J&K
50 National Waterway-50 43 Meghalaya & Assam
51 National Waterway-51 23 Karnataka
52 National Waterway-52 54 Karnataka
53 National Waterway-53 145 Maharashtra
54 National Waterway-54 86 UP & Bihar
55 National Waterway-55 364 Tamil Nadu
56 National Waterway-56 23 Jharkhand
57 National Waterway-57 46 Assam
58 National Waterway-58 236 Bihar
59 National Waterway-59 28 Kerala
60 National Waterway-60 77 West Bengal
61 National Waterway-61 28 Meghalaya
62 National Waterway-62 100 Assam
63 National Waterway-63 327 Rajasthan
64 National Waterway-64 425 Odisha
65 National Waterway-65 81 West Bengal
66 National Waterway-66 248 Gujarat
67 National Waterway-67 94 Karnataka
68 National Waterway-68 41 Goa
69 National Waterway-69 5 Tamil Nadu
70 National Waterway-70 242 Maharashtra, &Telangana
71 National Waterway-71 27 Goa
72 National Waterway-72 60 Maharashtra
73 National Waterway-73 227 Gujarat
74 National Waterway-74 78 Karnataka
75 National Waterway-75 141 Tamil Nadu
76 National Waterway-76 23 Karnataka
77 National Waterway-77 20 Tamil Nadu
78 National Waterway-78 265 Maharashtra & Telangana
79 National Waterway-79 29 Andhra Pradesh
80 National Waterway-80 125 Tamil Nadu
81 National Waterway-81 35 Bihar
82 National Waterway-82 72 Assam
83 National Waterway-83 31 Maharashtra
84 National Waterway-84 42 HP & J&K
85 National Waterway-85 31 Maharashtra
86 National Waterway-86 72 West Bengal
87 National Waterway-87 212 Gujarat
88 National Waterway-88 14 Goa

89 National Waterway-89 46 Maharashtra
90 National Waterway-90 29 Karnataka
91 National Waterway-91 52 Maharashtra
92 National Waterway-92 26 West Bengal
93 National Waterway-93 62 Meghalaya
94 National Waterway-94 160 Bihar
95 National Waterway-95 111 Assam
96 National Waterway-96 314 Jharkhand, West Bengal & Odisha
97 National Waterway-97 (Sunderbans) 654 West Bengal
98 National Waterway-98 377 Punjab & HP
99 National Waterway-99 64 Tamil Nadu
100 National Waterway-100 436 Maharashtra & Gujarat
101 National Waterway-101 42 Nagaland
102 National Waterway-102 86 Mizoram
103 National Waterway-103 73 UP
104 National Waterway-104 230 Telangana, Karnataka & AP
105 National Waterway-105 16 Karnataka
106 National Waterway-106 20 Meghalaya
107 National Waterway-107 45 Tamil Nadu
108 National Waterway-108 53 UP
109 National Waterway-109 164 Maharashtra & Telangana
110 National Waterway-110 1089 Haryana, UP & Delhi
111 National Waterway-111 50 Goa
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